

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6937667" or "2002008089").pn.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:07
L2	1034	"342".clas. and chirp\$4	US- PGPUB; USPAT	AND	ON	2009/01/13 17:10
L3	724	"375".clas. and chirp\$4	US- PGPUB; USPAT	AND	ON	2009/01/13 17:10
L4	38	"375".clas. and chirp\$4 with wide\$1band	US- PGPUB; USPAT	AND	ON	2009/01/13 17:10
L5	41	"375".clas. and chirp\$4 with uwb	US- PGPUB; USPAT	AND	ON	2009/01/13 17:10
L6	79	"375".clas. and chirp\$4.ab.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:11
L7	143	"342".clas. and chirp\$4.ab.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:11
L8	1	"20050226312".pn.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:14
L9	22	((manfred with koslar) or (zbigniew with lanelli) or (rainer with holz)).in.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:42
L11	2	(nanotron with technolog\$3).as.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:50
L12	2	(nanotron with technolog\$3 with gmbh).as.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:50

L13	2	(nanotron with technolog\$5 with gmbh).as.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:50
L14	2	(nanotron with gmbh).as.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:51
L15	10	(nanotron with \$1mbh).as.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:51
L16	12	((manfred with koslar) or (zbigniew with lanelli) or (rainer with holz)).in. NOT nanotron	US- PGPUB; USPAT	AND	ON	2009/01/13 17:52
L17	181	(up\$1chirp\$4 or down\$1chirp\$4 or chirp\$4) near3 (memory or store\$1)	US- PGPUB; USPAT	AND	ON	2009/01/13 17:53
L18	411	(up\$1chirp\$4 or down\$1chirp\$4 or chirp\$4) with (memory or store\$1)	US- PGPUB; USPAT	AND	ON	2009/01/13 17:53
L19	433	(up\$1chirp\$4 or down\$1chirp\$4 or chirp\$4) with (memory or store\$1 or rom or ram)	US- PGPUB; USPAT	AND	ON	2009/01/13 17:54
L20	131	(up\$1chirp\$4 or down\$1chirp\$4 or chirp\$4) with (memory or store\$1 or rom or ram) same (transmit\$7 or transmiss\$7)	US- PGPUB; USPAT	AND	ON	2009/01/13 17:54
L21	122	(up\$1chirp\$4 or down\$1chirp\$4 or chirp\$4) with (memory or store\$1 or rom or ram) and (transmit\$7 or transmiss\$7).ab.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:54
L22	212	(up\$1chirp\$4 or down\$1chirp\$4 or chirp\$4) with (memory or store\$1 or rom or ram) and (transmit\$7 or transmiss\$7).clm.	US- PGPUB; USPAT	AND	ON	2009/01/13 17:55
L23	106	(up\$1chirp\$4 or down\$1chirp\$4 or chirp\$4) with (memory or store\$1 or rom or ram) same (transmit\$7 or transmiss\$7) and (@ad<"20030408" or @pd<"20030408" or @rlad<"20030408" or @prad<"20030408")	US- PGPUB; USPAT	AND	ON	2009/01/13 17:55
L24	2	("6510175" or "5574748").pn.	US- PGPUB; USPAT	AND	ON	2009/01/13 18:25
L25	34	(up\$1chirp\$4 or down\$1chirp\$4 or chirp\$4) and (dac or "d/a") near5 ((flow near pass) or low\$1pass or [p]) and (@ad<"20030408" or @pd<"20030408" or @rlad<"20030408" or @prad<"20030408")	US- PGPUB; USPAT	AND	ON	2009/01/13 18:39

L26	1	"1754882".pn.	US- PGPUB; USPAT	AND	ON	2009/01/13 19:46
L27	3	("4949312" or "5533063" or "6064695").pn.	US- PGPUB; USPAT	AND	ON	2009/01/13 19:48
L28	3	("4560961" or "3852746" or "3794995").pn.	US- PGPUB; USPAT	AND	ON	2009/01/13 19:55
L29	133	chirp with transcei\$7	US- PGPUB; USPAT	AND	ON	2009/01/13 20:20
L30	46	chirp with transcei\$7 and @ad<"20020410"	US- PGPUB; USPAT	AND	ON	2009/01/13 20:20
L31	978	band\$1 pass near filter\$3 with (high\$1pass or hpf) with (low\$1pass or lpf) and @ad<"20020410"	US- PGPUB; USPAT	AND	ON	2009/01/13 20:37
L32	62	band\$1 pass near filter\$3 with (high\$1pass or hpf) with (low\$1pass or lpf) and @ad<"20020410" and "375".clas.	US- PGPUB; USPAT	AND	ON	2009/01/13 20:37
L33	1	band\$1 pass near filter\$3 with (high\$1pass or hpf) with (low\$1pass or lpf) and @ad<"20020410" and "375".clas. and "20030058961".pn.	US- PGPUB; USPAT	AND	ON	2009/01/13 20:39
L34	1	"6064695".pn.	US- PGPUB; USPAT	AND	ON	2009/01/13 20:47
L35	2	(memory or rom or ram) with chirp with (IF or base\$1band) and @ad<"20020410"	US- PGPUB; USPAT	AND	ON	2009/01/13 21:00
L36	1	(memory or rom or ram) with frequenc\$3 with (IF or base\$1band) same chirp and @ad<"20020410"	US- PGPUB; USPAT	AND	ON	2009/01/13 21:02
L37	4	(memory or rom or ram) with frequenc\$3 with (intermediate or IF or base\$1band) same chirp and @ad<"20020410"	US- PGPUB; USPAT	AND	ON	2009/01/13 21:03
L38	9	(memory or rom or ram) with (intermediate or IF or base\$1band) same chirp and @ad<"20020410"	US- PGPUB; USPAT	AND	ON	2009/01/13 21:03

L40	65	(memory or rom or ram) with read with frequenc\$3 and chirp and (@ad<"20020410"	US- PGPUB; USPAT	AND	ON	2009/01/13 21:05
L41	73	(memory or rom or ram) with read with frequenc\$3 and chirp and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410")	US- PGPUB; USPAT	AND	ON	2009/01/13 21:06
L42	2	(memory or rom or ram) with read with out with wave\$form with ((transmission or radio) near frequency) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410")	US- PGPUB; USPAT	AND	ON	2009/01/13 21:10
L43	86	direct with generat\$3 with chirp	US- PGPUB; USPAT	AND	ON	2009/01/13 21:13
L44	39	direct with generat\$3 with chirp with frequenc\$3	US- PGPUB; USPAT	AND	ON	2009/01/13 21:13
L45	17	(quadrature or real) with chirp with (memory or rom or ram or store\$2)	US- PGPUB; USPAT	AND	ON	2009/01/13 22:08
L46	24	chirp with filter with memory	US- PGPUB; USPAT	AND	ON	2009/01/13 22:34
L47	49	sampI\$3 with cosine with rol\$1off	US- PGPUB; USPAT	AND	ON	2009/01/14 00:06
L48	2	sampI\$3 with cosine with rol\$1off and chirp	US- PGPUB; USPAT	AND	ON	2009/01/14 00:07
L49	48	sampI\$3 with cosine with rol\$1off and (transmitt\$7 or transmiss\$7)	US- PGPUB; USPAT	AND	ON	2009/01/14 00:08
L50	48	sampI\$3 with cosine with rol\$1off and (transmitt\$7 or transmiss\$7)	US- PGPUB; USPAT	AND	ON	2009/01/14 00:08
L51	32	sampI\$3 with cosine with roll\$1off and (transmitt\$7 or transmiss\$7) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410")	US- PGPUB; USPAT	AND	ON	2009/01/14 00:08
L52	1135	sampI\$3 with weight\$3 with (stor\$3 or memory or ram or rom) and (transmitt\$7 or transmiss\$7) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410")	US- PGPUB; USPAT	AND	ON	2009/01/14 00:10

L53	25	samp\$3 with weight\$3 with (stor\$3 or memory or ram or rom) chirp and (transmit\$7 or transmiss\$7) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410")	US- PGPUB; USPAT	AND	ON	2009/01/14 00:11
L54	133	advantag\$3 with (windowing) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410")	US- PGPUB; USPAT	AND	ON	2009/01/14 00:21
L55	111	advantag\$3 with (windowing) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410") and signal	US- PGPUB; USPAT	AND	ON	2009/01/14 00:21
L56	1149	weight with (before or prior) with (samp\$3 or quantiz\$7 or quantis\$7) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410") and signal	US- PGPUB; USPAT	AND	ON	2009/01/14 00:28
L57	391	weight near5 (before or prior) near5 (samp\$3 or quantiz\$7 or quantis\$7) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410") and signal	US- PGPUB; USPAT	AND	ON	2009/01/14 00:28
L58	4	weight near5 (before or prior) near5 (samp\$3 or quantiz\$7 or quantis\$7) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410") and signal and chirp	US- PGPUB; USPAT	AND	ON	2009/01/14 00:28
L59	150	weight near5 (before or prior) near5 (samp\$3 or quantiz\$7 or quantis\$7) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410") and signal and (memory or ram or rom)	US- PGPUB; USPAT	AND	ON	2009/01/14 00:29
L60	137	weight near5 (before or prior) near5 (samp\$3 or quantiz\$7 or quantis\$7) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410") and signal and (memory or ram or rom)	US- PGPUB; USPAT	AND	OFF	2009/01/14 00:29
L61	5	advantag\$3 with cos\$1 sine near2 (roll\$1 off or (roll near off))	US- PGPUB; USPAT	AND	OFF	2009/01/14 00:32
L62	28	cos\$1 sine near3 (roll\$1 off or (roll near off)) same isi	US- PGPUB; USPAT	AND	OFF	2009/01/14 00:35
L63	15	cos\$1 sine near3 (roll\$1 off or (roll near off)) same isi same samp\$3	US- PGPUB; USPAT	AND	OFF	2009/01/14 00:43
L64	5	((manfred with koslar) or (zbigniew with lanelli) or (rainer with holz)).in. (375/130,139,140,146,219,256,295,298,377 or 342/73,82,83,118,128-132).ccls.	US- PGPUB; USPAT	AND	ON	2009/01/14 01:00
L66	1	cos\$1 sine near3 (roll\$1 off or (roll near off)) same isi and samp\$3 (375/130,139,140,146,219,256,295,298,377 or 342/73,82,83,118,128-132).ccls.	US- PGPUB; USPAT	AND	OFF	2009/01/14 01:00

L67	1	advantag\$3 with (windowing) and (@ad<"20020410" or @pd<"20020410" or @rlad<"20020410" or @prad<"20020410") and signal (375/130,139,140,146,219,256,295,298,377 or 342/73,82,83,118,128-132).cds.	US- PGPUB; USPAT	AND	ON	2009/01/14 01:00
L68	10	sample\$3 with cosine with roll\$1 off and (transmit\$7 or transmiss\$7) (375/130,139,140,146,219,256,295,298,377 or 342/73,82,83,118,128-132).cds.	US- PGPUB; USPAT	AND	ON	2009/01/14 01:01
L69	10	(memory or rom or ram) with read with frequenc\$3 and chirp and @ad<"20020410" (375/130,139,140,146,219,256,295,298,377 or 342/73,82,83,118,128-132).cds.	US- PGPUB; USPAT	AND	ON	2009/01/14 01:01
L70	1	"20050226312".pn.	US- PGPUB; USPAT	AND	ON	2009/01/14 01:02
S1	21	((Manfred with Kostar) or (Zbigniew with Ianielli) or (Rainer with Holz)).in.	US- PGPUB; USPAT	AND	ON	2008/09/11 19:10
S2	2	(NANOTRON with TECHNOLOGIES with GMBH).as.	US- PGPUB; USPAT	AND	ON	2008/09/11 19:10
S3	11	(NANOTRON).as.	US- PGPUB; USPAT	AND	ON	2008/09/11 19:10
S4	1	"20050226312".pn.	US- PGPUB; USPAT	AND	ON	2008/09/12 16:20
S5	1	"20050226312".pn.	US- PGPUB; USPAT	AND	ON	2009/01/13 16:14
S6	2	("5283795" or "6535545").pn.	US- PGPUB; USPAT	AND	ON	2009/01/13 16:18
S7	95	375/139.cds.	US- PGPUB; USPAT	AND	ON	2009/01/13 16:19
S8	95	375/139.cds.	US- PGPUB; USPAT	AND	ON	2009/01/13 16:19
S9	21	uwb and impulse near3 memory	US- PGPUB; USPAT	AND	ON	2009/01/13 16:24

1/14/2009 1:20:26 AM

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